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SPECIFICATION

TITLE OF THE INVENTION

7 $\alpha$ -METHOXY-7 $\beta$ -(1,3-DITHIETANE-2-CARBOXAMIDO)CEPHALO-  
SPORANIC ACID DERIVATIVES AND THE PREPARATION THEREOF

ABSTRACT OF THE DISCLOSURE

60 The invention relates to novel 7 $\alpha$ -methoxycephalosporin  
62 derivatives having at the 7 $\beta$ -position an amido group  
acylated by a 1,3-dithietane carboxylic acid residue and  
6,6: to 7 $\beta$ -isothiazolylthioacetamido-7 $\alpha$ -methoxycephalosporins  
having antibacterial activity by themselves and, as the case  
may be, capable of being converted into the aforesaid 7 $\alpha$ -  
methoxycaphalosporin derivatives. The compounds of this  
invention exhibit excellent antibacterial activity and are  
particularly effective against gram negative bacteria.

BACKGROUND OF THE INVENTION

Field of the Invention

P This invention relates to a novel series of cephalosporin  
compounds having antibacterial activity and to intermediates  
useful for preparing them. To the best of our knowledges,  
the compounds of this invention disclosed herein are novel.

Description of the Prior Art

P 2  
In the past several decades various antibiotics have  
been investigated and used for the treatment of various  
infectious diseases of animals including men but since  
resistant bacteria appear in many cases, there are some  
infectious diseases which have not been treated by known  
antibiotics.

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